

From all which it is manifest, that if the Sun's Light consisted of but one sort of rays, there would be but one Colour in the whole World, nor would it be possible to produce any new Colour by reflexions and refractions, and by consequence that the variety of Colours depends upon the composition of Light.

#### DEFINITION.

The homogeneous light and rays which appear red, or rather make Objects appear so, I call rubrific-  
or red-making; those which make Objects appear yellow, green, blue and violet, I call yellow-making, green-making, blue-making, violet-making, and so of the rest. And if at any time I speak of light and rays as coloured or endued with Colours, I would be understood to speak not philosophically and properly, but grossly, and according to such conceptions as vulgar People in seeing all these Experiments would be apt to frame. For the rays to speak properly are not coloured. In them there is nothing else than a certain power and disposition to stir up a sensation of this or that Colour. For as sound in a Bell or musical String, or other sounding Body, is nothing but a trembling Motion, and in the Air nothing but that Motion propagated from the Object, and in the Sensorium 'tis a sense of that Motion under the form of sound; so Colours in the Object are nothing but a disposition to reflect this or that sort of rays more copiously than the rest; in the rays they are nothing but their dispositions to propa-  
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To define the refraction  
of homogeneous Light

For determining  
Experiment.

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